

Claims

1. A liquid composition comprising at least diamond fine particles, a dispersant and an amine substance.
2. The liquid composition of claim 1 or 2, wherein said amine substance has a boiling point of 50 °C or higher and 300 °C or lower.
3. The liquid composition of claim 1 or 2, wherein said dispersant comprises water, a water soluble dispersant or a mixture of water and a water soluble dispersant.
4. A low dielectric constant film obtained by applying said liquid composition of any one of claims 1 to 3.
5. An electronic component comprising said low dielectric constant film of claim 4.
6. An abrasive comprising diamond fine particles, said abrasive obtained from said liquid composition of any one of claims 1 to 3.
7. A method of producing a liquid composition of diamond fine particles, said method comprising the steps of:
heating coarse diamond fine particles in a solution comprising a purifying agent;
washing said fine particles with water; and
dispersing said fine particles under the presence of an amine substance.

8. The method of claim 7, wherein said purifying agent comprises sulfuric acid.